

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12121-002001	Application No. 09/909,857
		Applicant Evan HILDRETH et al.	
		Filing Date July 23, 2001	Group Art Unit

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>DB</i>	AA	5,652,616	7.29.97	Chen et al.	348	43	8.6.96
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

JAN 31 2003

Technology Center 2600

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>DB</i>	AL	EP 0 905 644 A2	3.31.99	EPO				
<i>DB</i>	AM	WO 00/30023	5.25.00	WIPO-PCT				
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>DB</i>	AQ	"Correlation techniques in adaptive template matching with uncalibrated cameras"; Paolo Remagnino, et al; Lifa - Inria Rhones - Alpes, Cedex, France; 252/SPIE Vol. 2356 Vision Geometry III (1994)
	AR	
	AS	
	AT	

Examiner Signature <i>[Signature]</i>	Date Considered <i>08/12/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12121-002001	Application No. 09/909,857
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Evan HILDRETH et al.	
		Filing Date July 23, 2001	Group Art Unit 2673

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	AA	5,534,917	07/09/96	MacDOUGALL			
<i>[Signature]</i>	AB	5,769,640	06/23/98	JACOBUS et al.			
<i>[Signature]</i>	AC	5,844,392	12/01/98	PEURACH et al.			
<i>[Signature]</i>	AD	5,907,328	05/25/99	BRUSH II et al.			
<i>[Signature]</i>	AE	6,072,494	06/06/00	NGUYEN			
<i>[Signature]</i>	AF	6,075,895	06/13/00	QIAO et al.			
<i>[Signature]</i>	AG	6,173,066	01/09/01	PEURACH et al.			
<i>[Signature]</i>	AH	6,222,465	04/24/01	KUMAR et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>[Signature]</i>	A1	WO 99/35633	07/15/1999	PCT				
	AJ							
	AK							
	AL							
	AM							

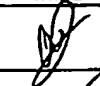

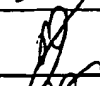
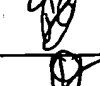
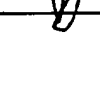
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>[Signature]</i>	AN	Z. Zhang; "A Flexible New Technique for Camera Calibration"; Microsoft Research; http://research.microsoft.com/~zhang
<i>[Signature]</i>	AO	Z. Zhang; "Determining the Epipolar Geometry and its Uncertainty"; A Review, The International Journal of Computer Vision, 1997, INRIA SophiaAntipolis, France, July 1996, pp. 161-195.
<i>[Signature]</i>	AP	Point Grey Research Inc. Digidlops (http://www.ptgrey.com/)
<i>[Signature]</i>	AQ	Small Vision System Stereo Developer Kit (http://www.videredesign.com)
<i>[Signature]</i>	AR	C. Urmson; "A Comparison of Pt. Grey Research's Digidlops and Videre Design's Small Vision System for Sensing on the Hyperion Robot"; November 2000 (http://www.videredesign.com/StereoComparison.pdf)

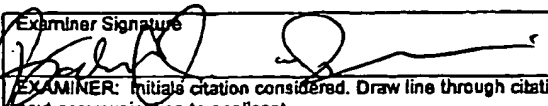
Examiner Signature <i>Pravoda Dharil</i>	Date Considered 08/12/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12121-002001	Application No. 09/909,857
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Evan HILDRETH et al.	
		Filing Date July 23, 2001	Group Art Unit 2673

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AS	M. Okutomi and T. Kanda. "A Multiple-baseline Stereo", PAMI 15(4), April 1993, pp. 355-363
	AT	D. Scharstein and R. Szeliski. "Stereo Matching with Non-Linear Diffusion" which was published in "Proceedings of the 1996 Conference on Computer Vision and Pattern Recognition (CVPR '96) middlebury.edu/~schar/papers/diffusion.ps.gz.
	AU	C. Jennings. "Robust Finger Tracking with Multiple Cameras" (http://www.cs.ubc.ca/spider/jennings/ratfg-rts99/cj99.html)
	AV	G. Morrison et al. "Machine Vision Passive Touch Technology for Interactive Displays" SID 01 Digest; June 2001, pp. 74-77
	AW	

Examiner Signature 	Date Considered 08/12/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Rev. 01-19-01) U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12121-002001	Application No. 09/909,857
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))	Applicant Evan HILDRETH et al.	
	Filing Date July 23, 2001	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	AA	5,534,917	07/09/96	MacDOUGALL			
<i>[Signature]</i>	AB	5,769,640	06/23/98	JACOBUS et al.			
<i>[Signature]</i>	AC	5,844,392	12/01/98	PEURACH et al.			
<i>[Signature]</i>	AD	5,907,328	05/25/99	BRUSH II et al.			
<i>[Signature]</i>	AE	6,072,494	06/06/00	NGUYEN			
<i>[Signature]</i>	AF	6,075,895	06/13/00	QIAO et al.			
<i>[Signature]</i>	AG	6,173,066	01/09/01	PEURACH et al.			
<i>[Signature]</i>	AH	6,222,465	04/24/01	KUMAR et al.			

RECEIVED
FEB 13 2002
Technology Center 2600

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>[Signature]</i>	AI	WO 99/35633	07/15/1999	PCT				
	AJ							
	AK							
	AL							
	AM							



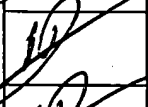


Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>[Signature]</i>	AN	Z. Zhang; "A Flexible New Technique for Camera Calibration"; Microsoft Research; http://research.microsoft.com/~zhang
<i>[Signature]</i>	AO	Z. Zhang; "Determining the Epipolar Geometry and its Uncertainty"; A Review, The International Journal of Computer Vision, 1997, INRIA SophiaAntipolis, France, July 1996, pp. 161-195.
<i>[Signature]</i>	AP	Point Grey Research Inc. Digiclops (http://www.ptgrey.com/)
<i>[Signature]</i>	AQ	Small Vision System Stereo Developer Kit (http://www.videredesign.com)
<i>[Signature]</i>	AR	C. Urmson; "A Comparison of Pt. Grey Research's Digiclops and Videre Design's Small Vision System for Sensing on the Hyperion Robot"; November 2000 (http://www.videredesign.com/StereoComparison.pdf)

Examiner Signature <i>[Signature]</i>	Date Considered 08-12-01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) FEB 2 2002 PATENT & TRADEMARK OFFICE (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12121-002001	Application No. 09/909,857
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Evan HILDRETH et al.	
			Filing Date July 23, 2001	Group Art Unit

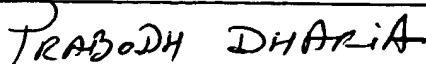
Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AS	M. Okutomi and T. Kanda. "A Multiple-baseline Stereo", PAMI 15(4), April 1993, pp. 355-363
	AT	D. Scharstein and R. Szeliski. "Stereo Matching with Non-Linear Diffusion" which was published in "Proceedings of the 1996 Conference on Computer Vision and Pattern Recognition (CVPR '96) middlebury.edu/~schar/papers/diffusion.ps.gz.
	AU	C. Jennings. "Robust Finger Tracking with Multiple Cameras" (http://www.cs.ubc.ca/spider/jennings/ratfg-rts99/cj99.html)
	AV	G. Morrison et al. "Machine Vision Passive Touch Technology for Interactive Displays" SID 01 Digest; June 2001, pp. 74-77
	AW	

RECEIVED

FEB 13 2002

Technology Center 2600

Examiner Signature 	Date Considered 08-12-01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	